

WHAT IS CLAIMED IS:

1. An open top type IC socket comprising:
a socket body; and
5 a cover member mounted vertically movable to the
socket body to open and close contacts;
wherein said socket body has a mounting portion
to support an IC package mounted on the socket, and
said cover member has a square opening facing said
10 mounting portion and inclined guide wall surfaces
leading to said opening and adapted to guide the IC
package to be mounted onto the mounting portion.
2. An IC socket as claimed in claim 1, wherein
15 at least two opposing sides of said opening
substantially match with an envelope joining tips of
lead terminals extending from the IC package to be
mounted.
- 20 3. An IC socket as claimed in claim 1, wherein
the inclined guide wall surfaces are arranged
symmetrical with respect to longitudinal and lateral
center lines of the square opening and each comprises
a first inclined guide wall surface traversing each of
25 the center lines, a second inclined guide wall surface
provided at each corner portion and having an
inclination angle larger than an inclination angle of

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the first inclined guide wall surface, and a third inclined guide wall surface connecting to the first and second inclined guide wall surfaces.

5 4. An IC socket as claimed in claim 2, wherein
the inclined guide wall surfaces are arranged
symmetrical with respect to longitudinal and lateral
center lines of the square opening and each comprises
a first inclined guide wall surface traversing each of
10 the center lines, a second inclined guide wall surface
provided at each corner portion and having an
inclination angle larger than an inclination angle of
the first inclined guide wall surface, and a third
inclined guide wall surface connecting to the first
15 and second inclined guide wall surfaces.

5 5. An IC socket as claimed in claim 1, wherein a
plurality of fixed contacts are arranged around the
mounting portion and two opposing sides of the opening
20 substantially match with an envelope joining outer
ends of the fixed contacts.

6. An IC socket as claimed in claim 2, wherein a
plurality of fixed contacts are arranged around the
25 mounting portion and two opposing sides of the opening
substantially match with an envelope joining outer
ends of the fixed contacts.

7. An IC socket as claimed in claim 3, wherein a plurality of fixed contacts are arranged around the mounting portion and two opposing sides of the opening
5 substantially match with an envelope joining outer ends of the fixed contacts.

8. An IC socket comprising:
a socket body having a mounting portion for
10 supporting an IC package and a plurality of contacts arranged around the mounting portion to come into contact with tips of lead terminals extending from the IC package; and
a cover member having an opening at a center thereof and mounted vertically movable to the socket body to open and close the contacts;
wherein the opening has its lower edge formed into a square facing the mounting portion and has inclined guide wall surfaces for guiding the IC
15 package onto the mounting portion.

9. An IC socket as claimed in claim 8, wherein the contacts each have a base portion embedded in the socket body, a first arm extending from the base portion and having a first contact at its tip, and a second arm extending from the base portion and having a second contact at its tip and a curved elastic

portion at its intermediate portion.

10. An IC socket as claimed in claim 9, wherein
the first contacts at the tips of the first arms are
5 secured to the socket body.

11. An IC socket as claimed in claim 10, wherein
two opposing sides of the opening almost match with an
envelope joining outer ends of the first contacts of
10 the first arms of the contacts.

12. An IC socket as claimed in claim 10, wherein
at least two opposing sides of the opening almost
match with an envelope joining tips of lead terminals
15 extending from the IC package.

13. An IC socket as claimed in claim 8, wherein
the inclined guide wall surfaces are arranged
symmetrical with respect to longitudinal and lateral
20 center lines of the square opening and each comprises
a first inclined guide wall surface crossing each of
the center lines, a second inclined guide wall surface
provided at each corner portion and having an
inclination angle larger than an inclination angle of
25 the first inclined guide wall surface, and a third
inclined guide wall surface connecting to the first
and second inclined guide wall surfaces.

14. An IC socket as claimed in claim 13, wherein
the contacts each have a base portion embedded in the
socket body, a first arm extending from the base
portion and having a first contact at its tip, and a
second arm extending from the base portion and having
a second contact at its tip and a curved elastic
portion at its intermediate portion.

10 15. An IC socket as claimed in claim 14, wherein
the first contacts at the tips of the first arms are
secured to the socket body.

15 16. An IC socket as claimed in claim 15, wherein
two opposing sides of the opening almost match with an
envelope joining outer ends of the first contacts of
the first arms of the contacts.

20 17. An IC socket as claimed in claim 16, wherein
at least two opposing sides of the opening almost
match with an envelope joining tips of lead terminals
extending from the IC package.